Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-380 Title: DISTRIBUTED ANALOG PHASE SHIFTER USING ETCHED FERROELECTRIC THIN

(310) 207-3800

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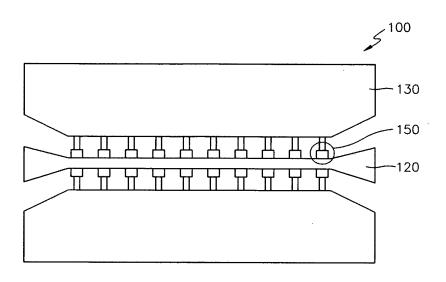
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FIG. 1



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FIG. 2

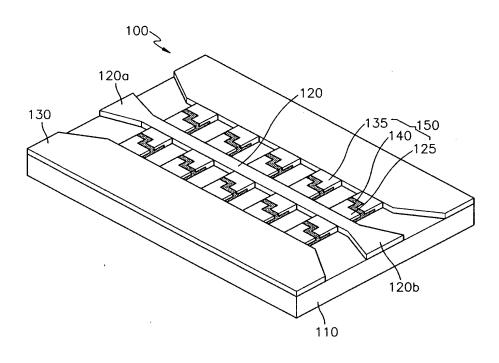
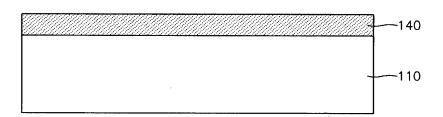


FIG. 3A



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FIG. 3B 142 -140 -110

FIG. 3C

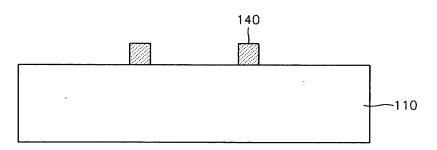
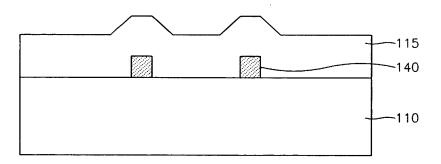


FIG. 3D



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FIG. 3E 



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FIG. 4A

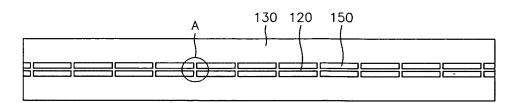


FIG. 4B

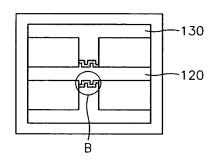
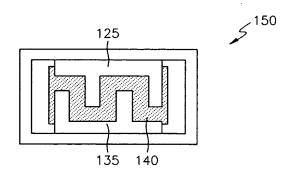


FIG. 4C



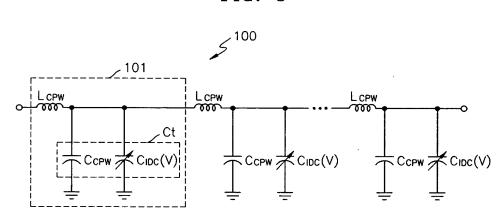
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FIG. 5



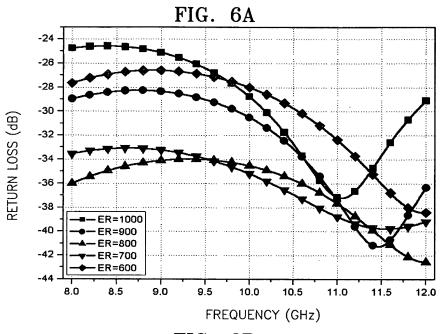


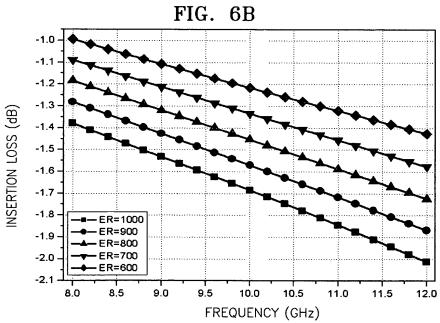
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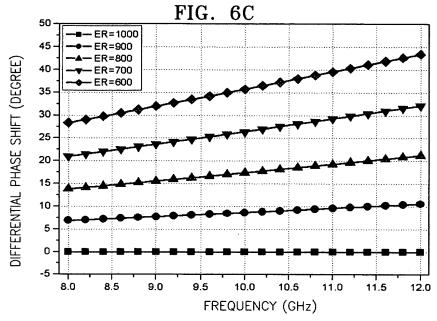


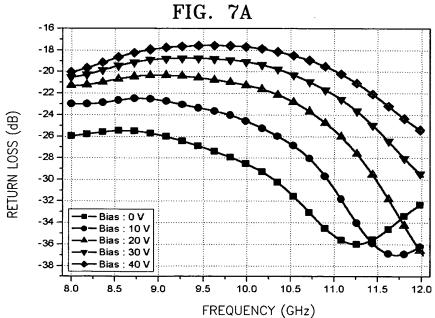
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